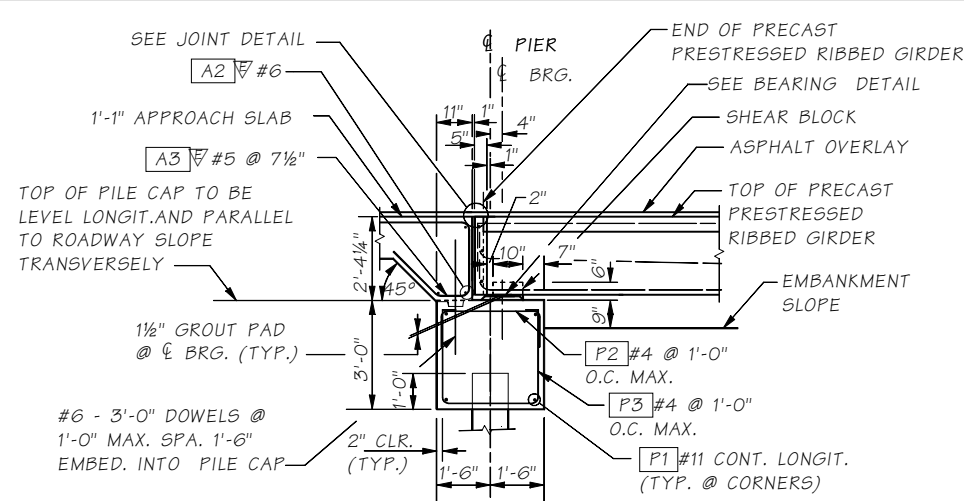


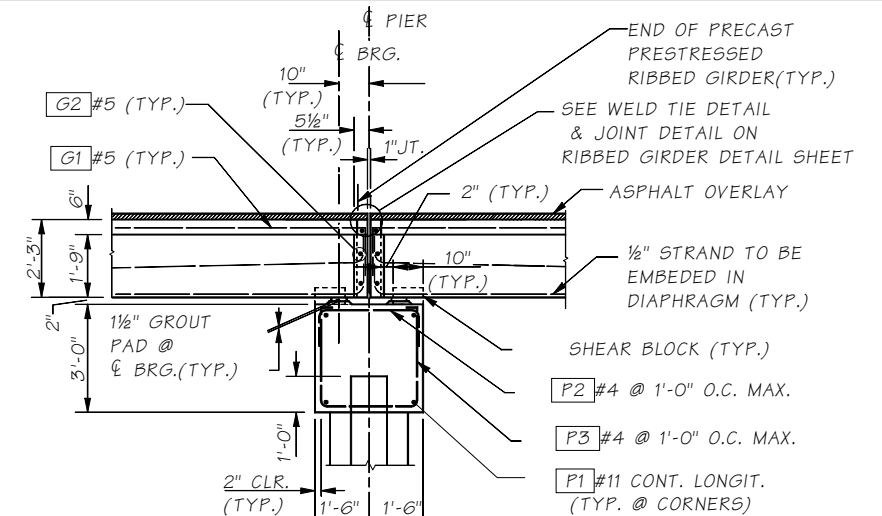
END PIER WITHOUT APPROACH SLAB

NOTE: ALL DIMENSIONS SHOWN ARE NORMAL TO C BRG.

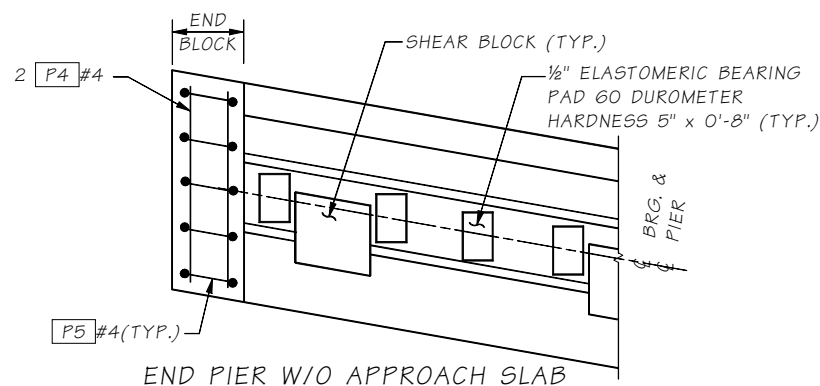


END PIER WITH APPROACH SLAB

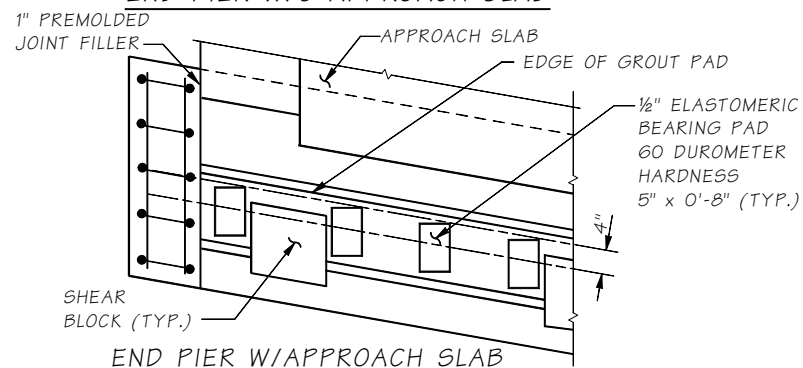
NOTE: END ANCHORS NOT REQUIRED PER STD. PLAN A-2
ALL DIMENSIONS SHOWN ARE NORMAL TO BRG.



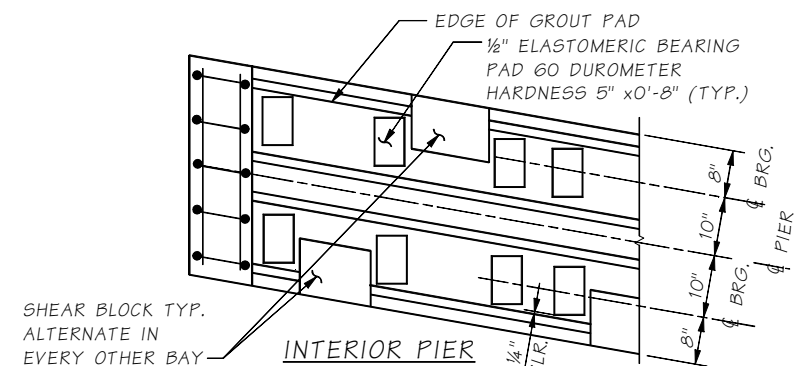
INTERIOR PIER



END PIER W/O APPROACH SLAB



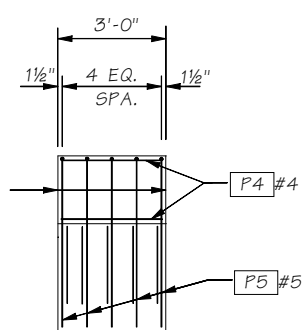
END PIER W/ APPROACH SLAB



BEARING DETAILS

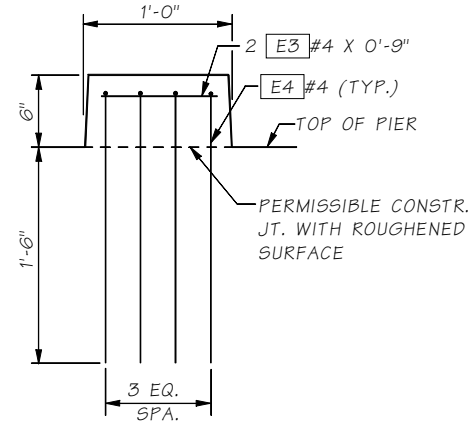
NOTE: FULL BEARING OF TRI-BEAM UNIT IS REQUIRED AT EACH ELASTOMERIC BEARING.

BOTH FACES
PARALLEL
TO C PIER



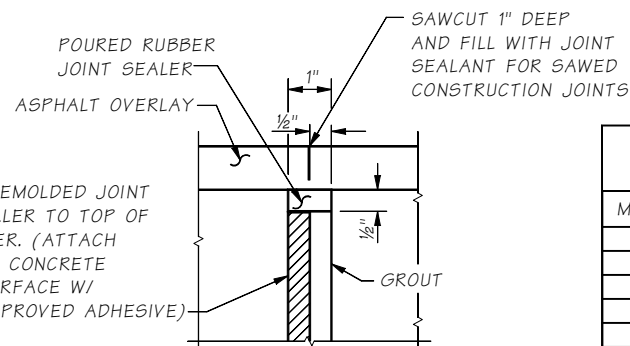
END VIEW

END BLOCK - BOTH
ENDS OF PIER



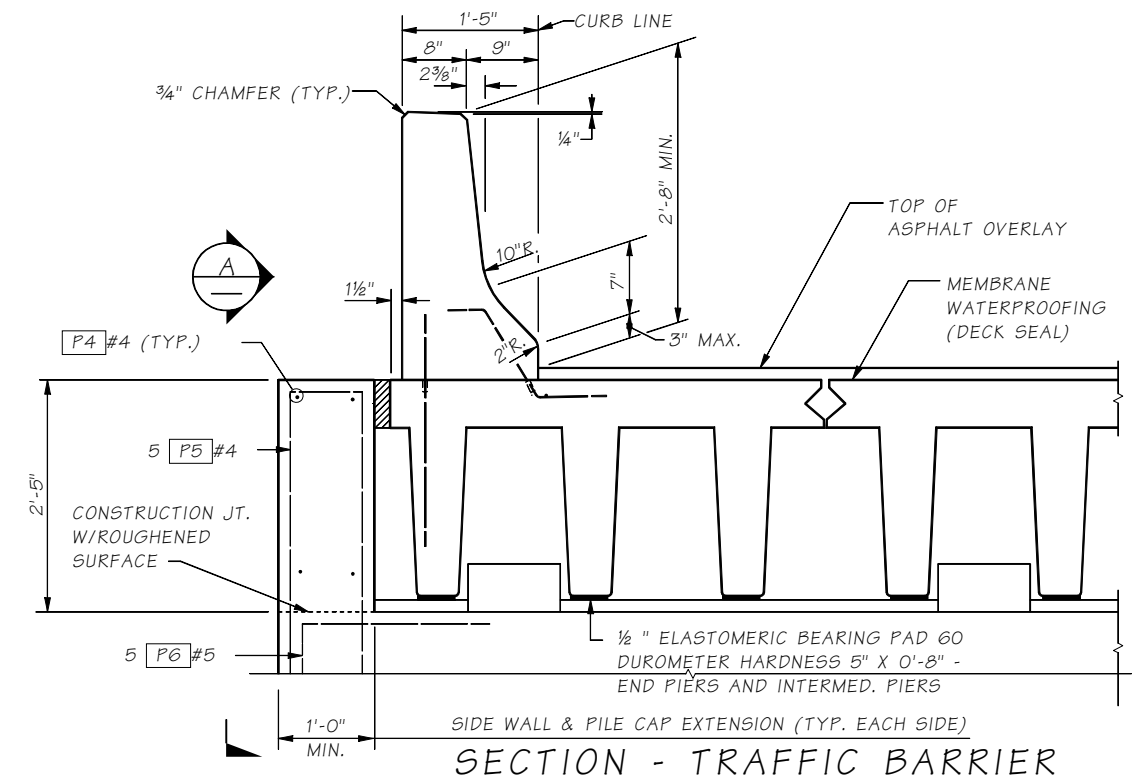
SHEAR BLOCK DETAIL

POUR AFTER TRI-BEAMS HAVE
BEEN PLACED AND GROUTED



JOINT DETAIL

JOINT DETAIL TAKEN @ INTERIOR PIER
AND PIER WITH APPROACH SLAB



SECTION - TRAFFIC BARRIER

Epoxy Coated				BAR LIST		BENDING DIAGRAM	
						ALL REINFORCING SHALL BE AASHTO M 31, GR. 60	
MARK	LOCATION	SIZE	NO. REQ'D. PER PIER				
P1	LONGIT - TOP & BOT.	11	4	STR			
P2	STIRRUPS	4	VARIES W/PIER LENGTH				
P3	STIRRUPS	4	VARIES W/PIER LENGTH				
P4	END BLOCK REINF.	4	8	STR			
P5	END BLOCK STIRR.	5	10				
P6	CORNER DOWELS	5	10				
END BLOCK W/O APPROACH SLAB							
E1	LONGIT.	4	4	STR			
E2	END BLOCK STIRR.	4	VARIES W/PIER LENGTH				
ADDITIONAL APPROACH SLAB STEEL							
A1	DOWELS	6	VARIES W/PIER LENGTH				
A2	LONGIT.	6	3	STR			
A3	STIRRUPS	5	VARIES W/PIER LENGTH				

Bridge Design Engr.	M:\STANDARDS\Girders\Tri-Beam\PIERS FOR TRI-BEAM.man	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE
AND
STRUCTURES
OFFICE



Washington State
Department of Transportation

STANDARD
PRESTRESSED CONCRETE GIRDERS

RIBBED GIRDER
PIER DETAILS

BRIDGE
SHEET NO.
SHEET
OF
SHEETS

5.6-A22-3

SR JOB NO. SHEET

Tue Apr 29 13:44:03 2008